

Recombinant Human RRM1 protein, His&GST-tagged

Cat. No. RRM1-8650H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RRM1 protein(P23921) (Met1-Ser792) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-792 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8. 0, 3mM DTT, 10% glycerol.
Molecular Mass	The recombinant human RRM1/GST chimera consists of 1029 amino acids and has a calculated molecular mass of 117.9 kDa. The recombinant protein migrates approximately 98 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

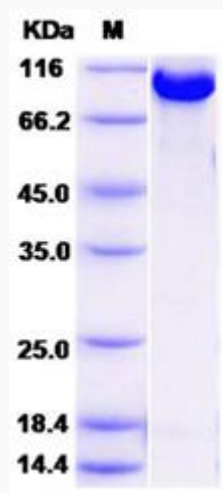
Gene Name	RRM1 ribonucleotide reductase M1 [Homo sapiens]
Official Symbol	RRM1
Synonyms	RRM1; ribonucleotide reductase M1; ribonucleotide reductase M1 polypeptide; ribonucleoside-diphosphate reductase large subunit; ribonucleotide reductase, R1 subunit; ribonucleotide reductase, large subunit; ribonucleoside-diphosphate reductase subunit M1; R1; RR1; RIR1;
Gene ID	6240
mRNA Refseq	NM_001033
Protein Refseq	NP_001024
MIM	180410
UniProt ID	P23921

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SDS-PAGE



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